**Evaluate available configuration options**

* Provisioned IOPS
* Solid state drives (SSD)
* Hard disk drives (HDD)
* Object storage
* Archival storage
* Ephemeral (temporary) storage

**Determine storage characteristics**

* Ability to share the storage
* Ideal file size and maximum file size
* Storage cache size
* Average or expected latency
* Maximum throughput
* Maximum IOPS
* Persistence of data
* **Block Storage: Amazon EBS**

**Amazon EC2 instance store**

An instance store provides temporary (ephemeral) block-level storage for your instance.

Instance store is ideal for the following use cases:

* Temporary storage of information that changes frequently, such as buffers, caches, scratch data, and other temporary content
* Data that is replicated across a fleet of instances, such as a load-balanced pool of web servers

However, data in the instance store is lost under any of the following circumstances:

* The underlying disk drive fails
* The instance stops
* The instance hibernates
* The instance terminates

**Amazon EBS overview**

Amazon EBS is an easy-to-use, high performance, block storage service. It is designed for use with Amazon EC2 compute instances for both throughput and transaction-intensive workloads at any scale.